

FIG.1A

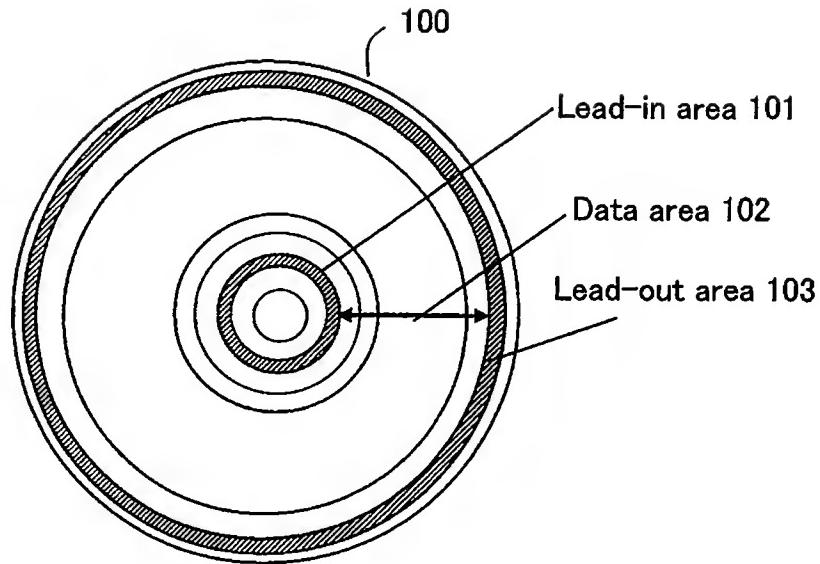


FIG.1B

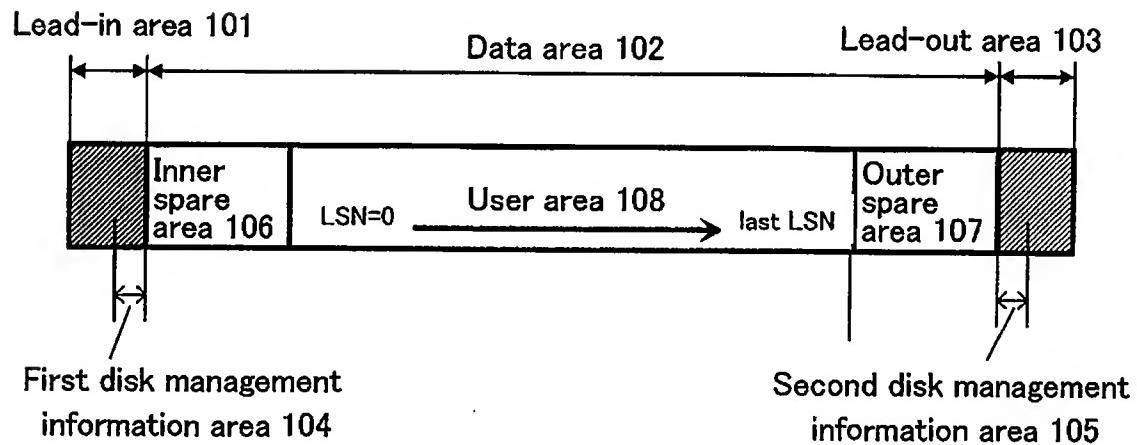


FIG.2

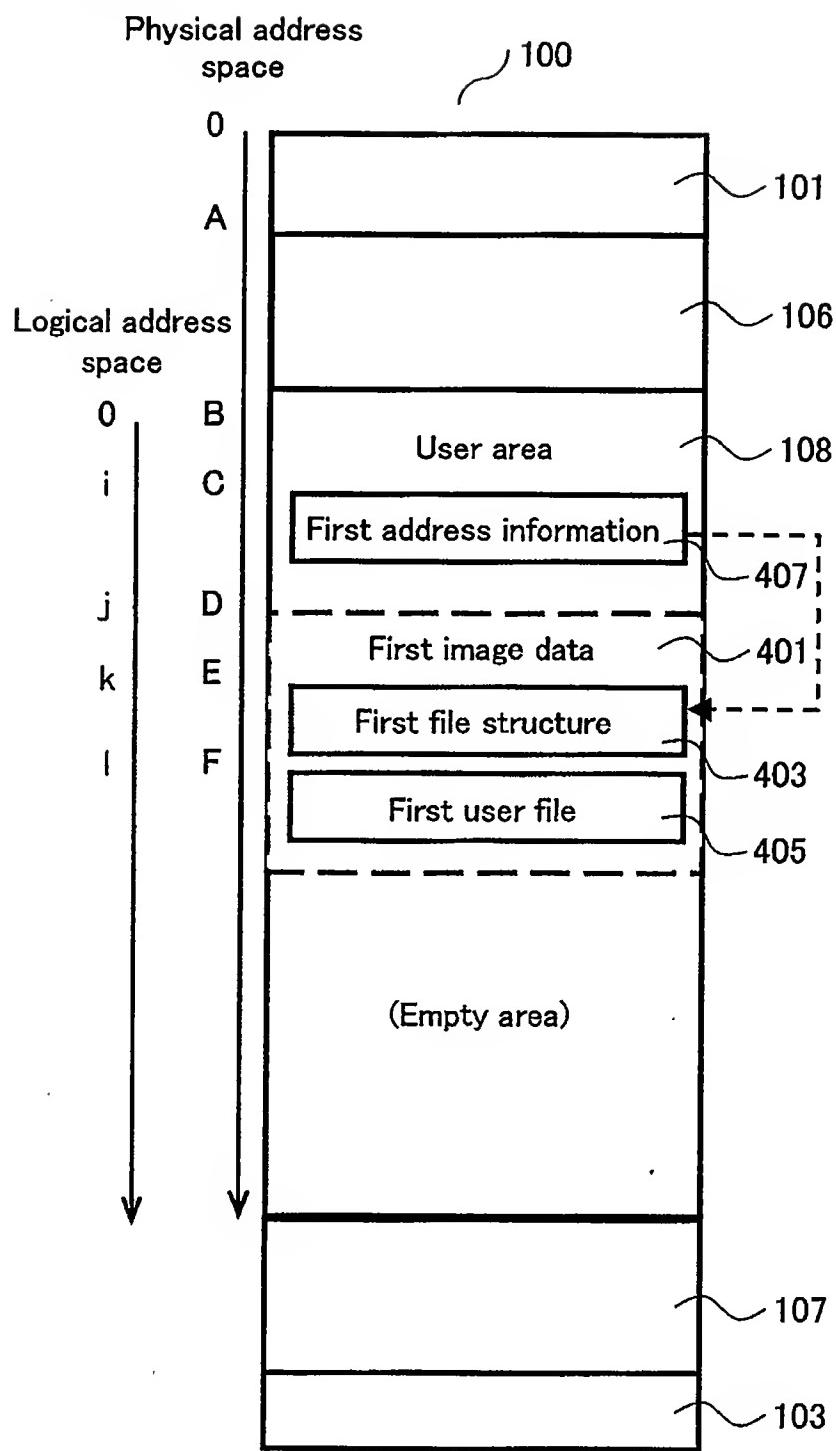


FIG.3

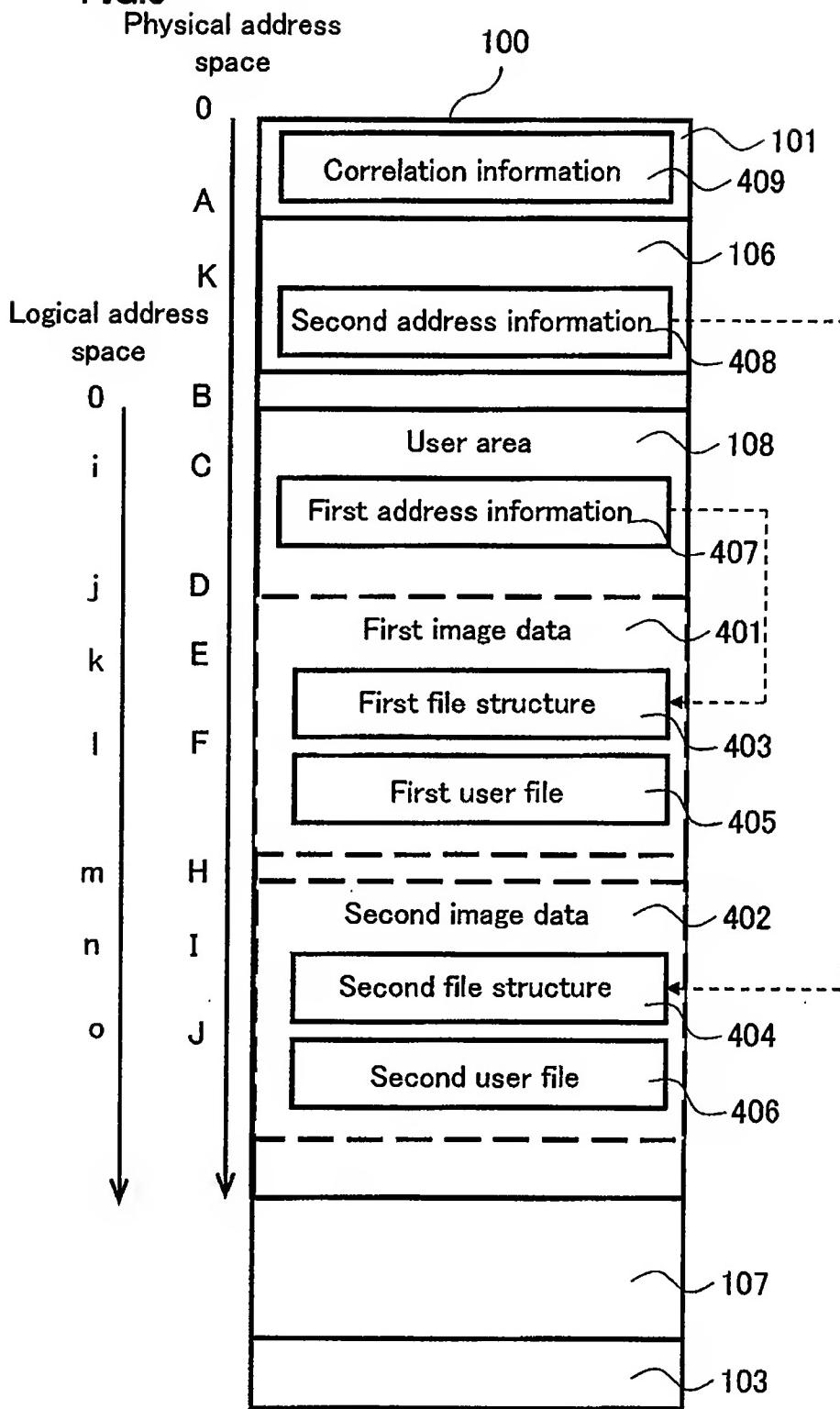


FIG.4A

Header information 1001
Replacement management information #1
Replacement management information #2
Replacement management information #3
...
End information
00h

FIG.4B

Status information 1011
Original location information 1012
Replacement location information 1013

FIG.5

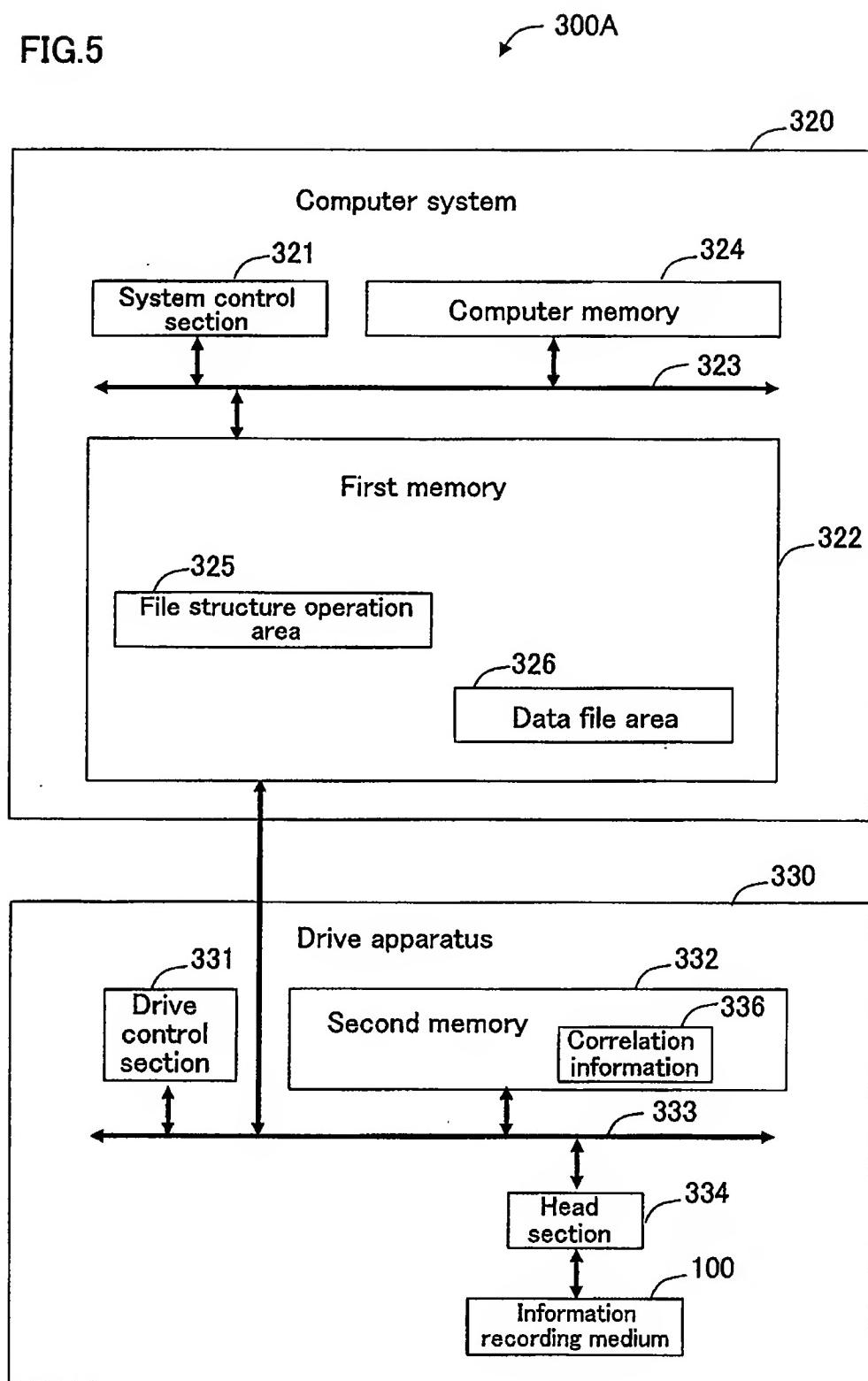


FIG.6

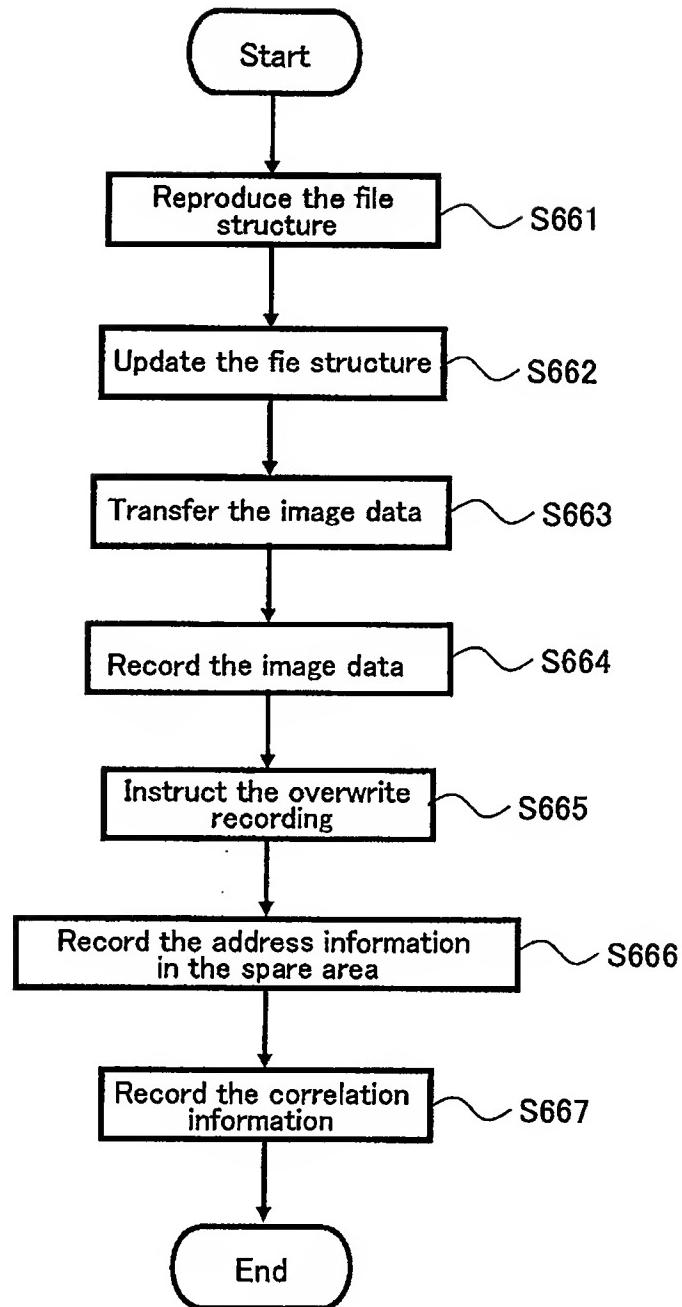


FIG.7

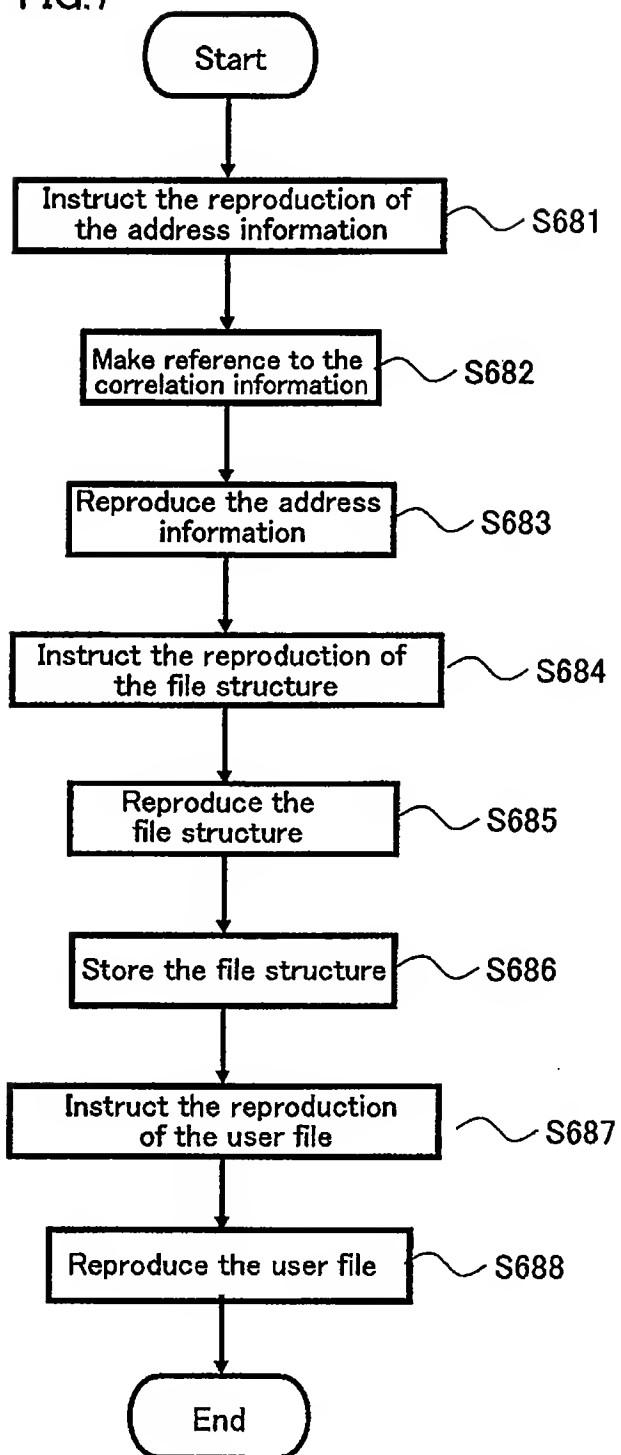
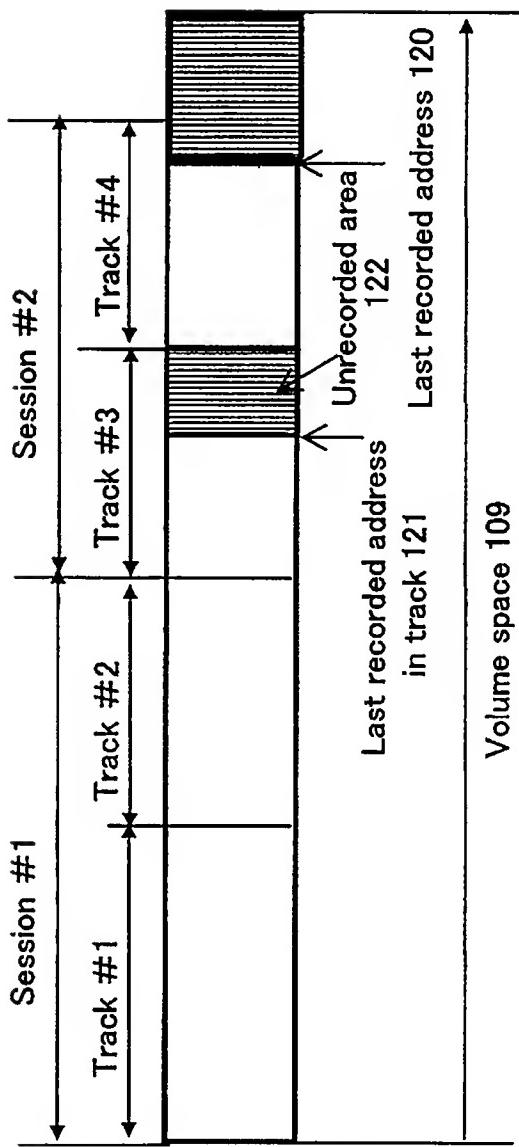


FIG.8A



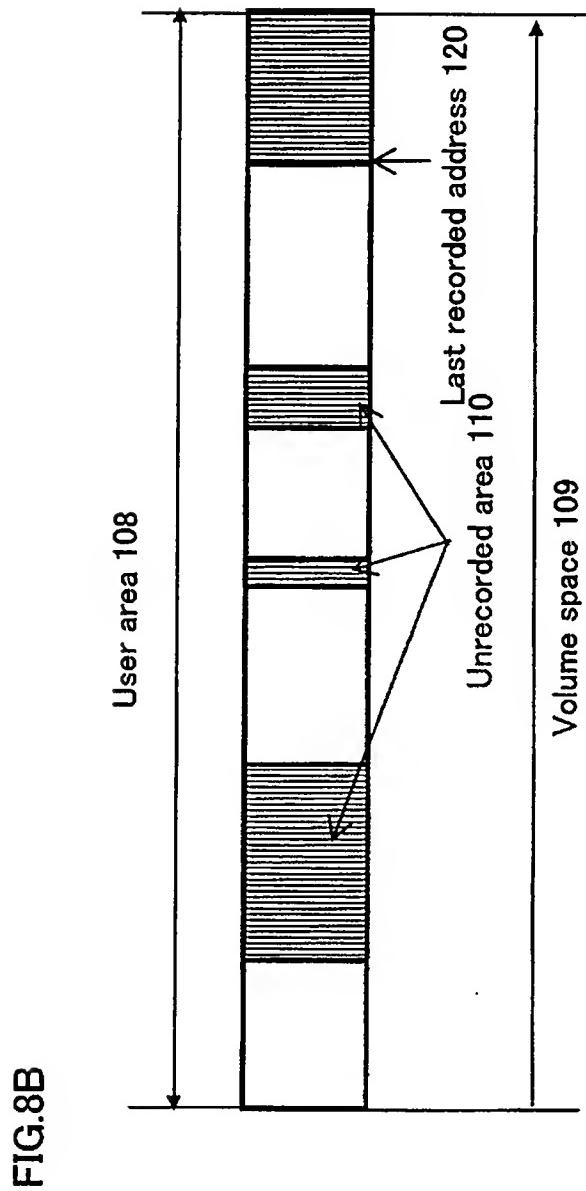


FIG.8B

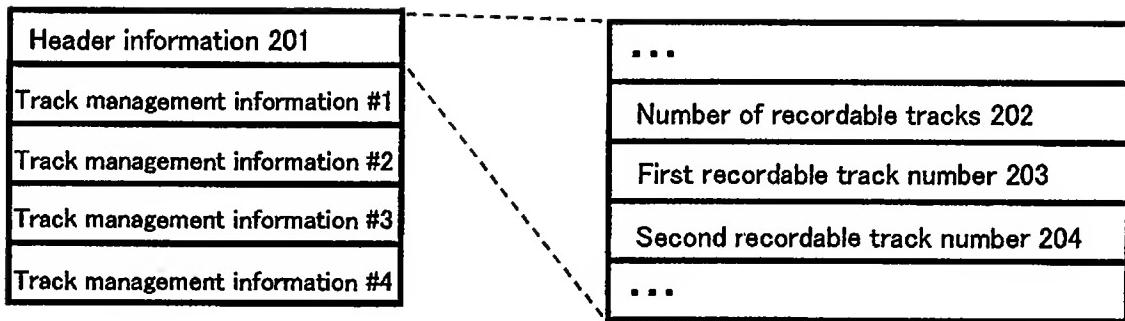
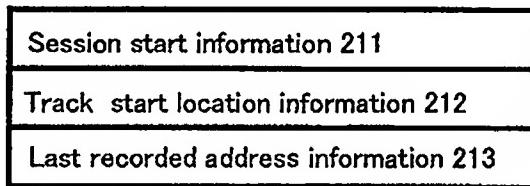
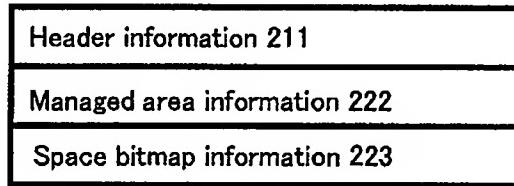
FIG.9A**FIG.9B****FIG.9C**

FIG.10**Disk structure information 1100**

General information 1101
Replacement management information list location information 1102
User area start location information 1103
User area end location information 1104
Spare area information 1105
Recording mode information 1106
Last recorded address information 1107
Spare area management information 1108
Session management information location information 1109
Space bitmap management information location information 1110

FIG.11

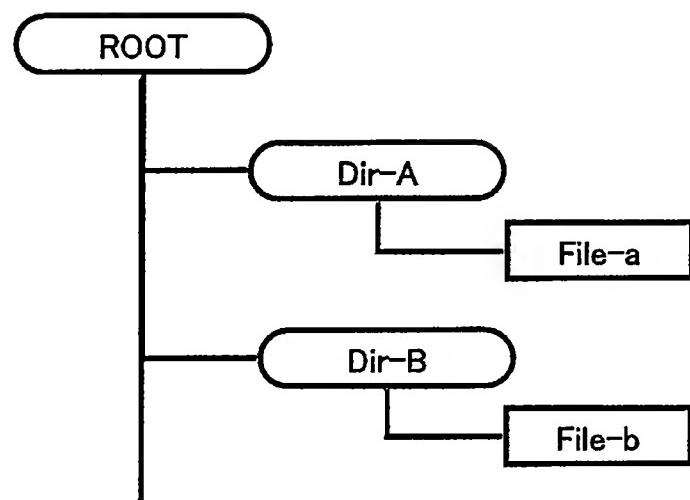


FIG.12

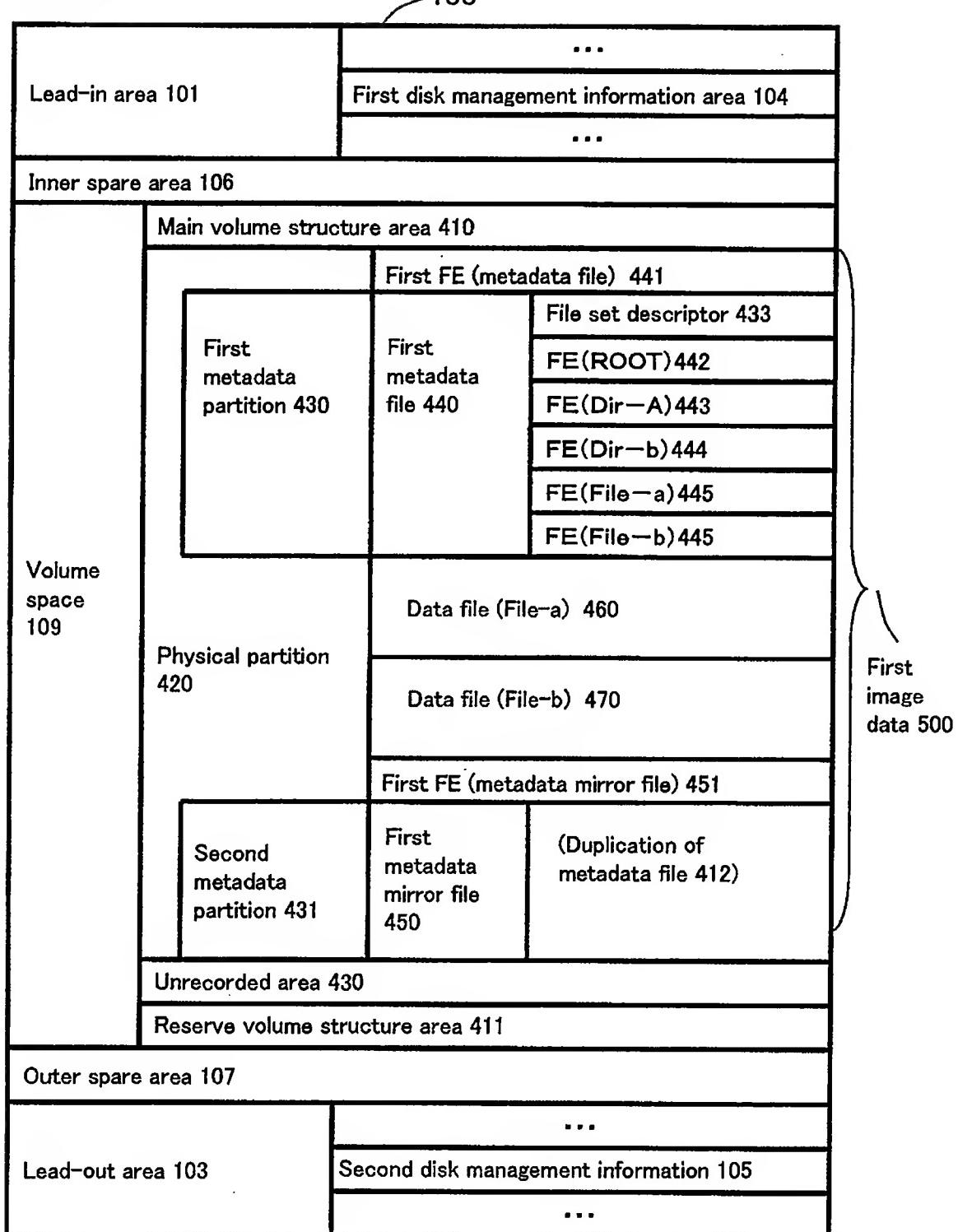


FIG.13

First FE (metadata file) 441	
First metadata file 440	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(Dir-B) 444
	FE(File-a) 445
	FE(File-b) 445
Data file (File-a) 460	
Data file (File-b) 470	
First FE (metadata mirror file) 451	
First metadata mirror file 450	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(Dir-B) 444
	FE(File-a) 445
	FE(File-b) 445

} Duplication of metadata file 412

FIG.14

First metadata file 440	
	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(File-a) 445
	FE(Dir-B) 444
	FE(File-b) 445

FIG.15

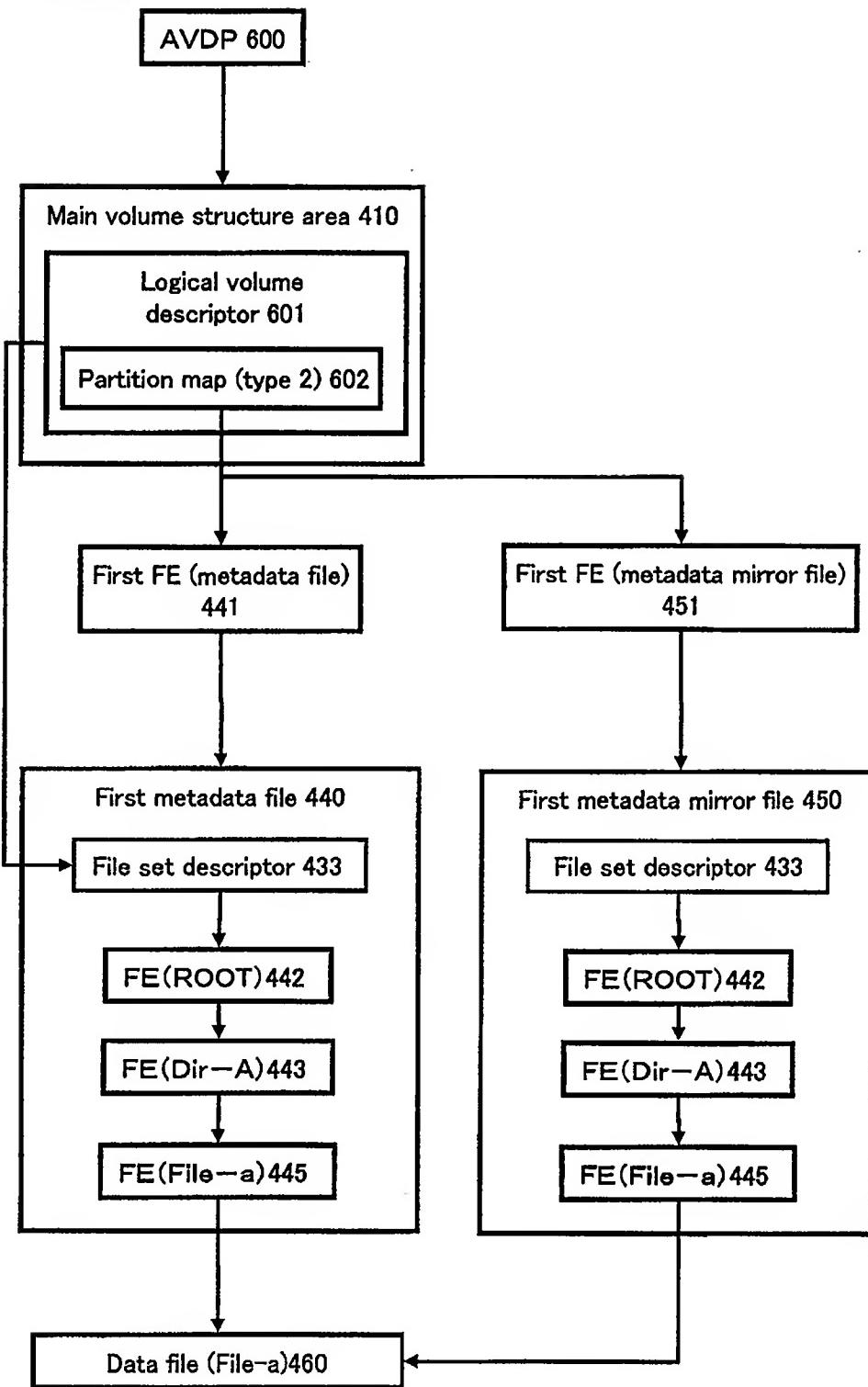


FIG.16A

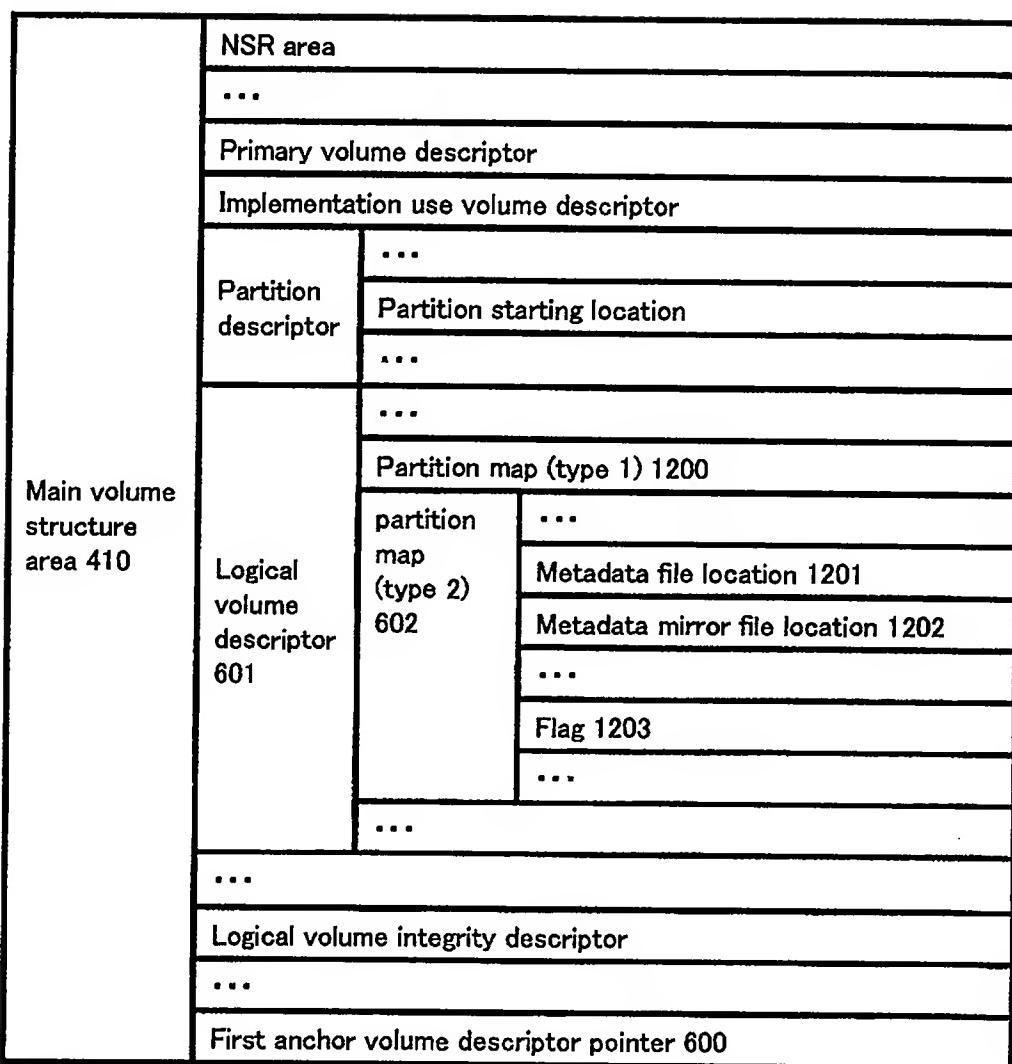


FIG.16B

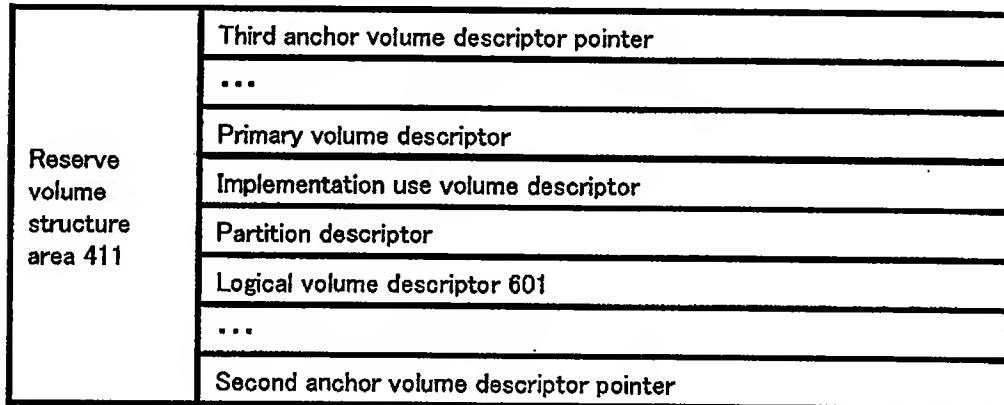


FIG.17

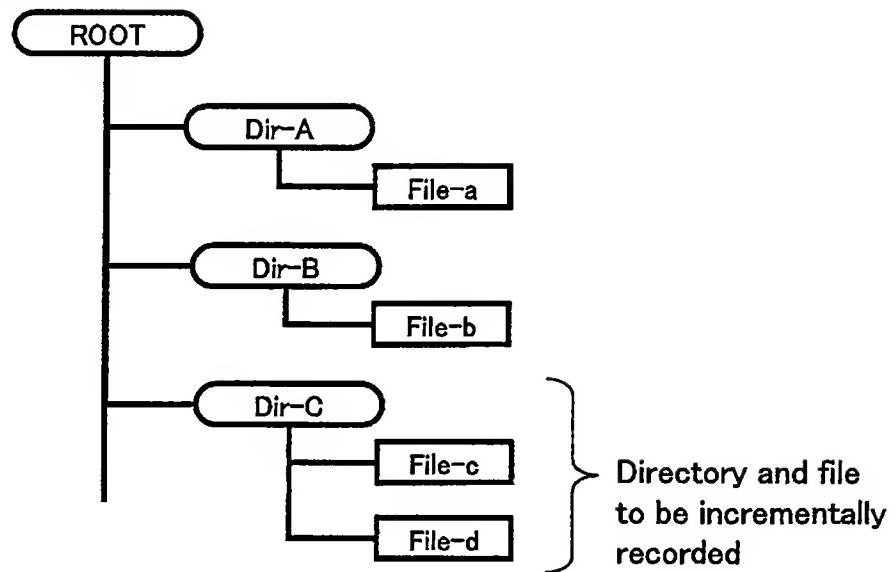


FIG.18

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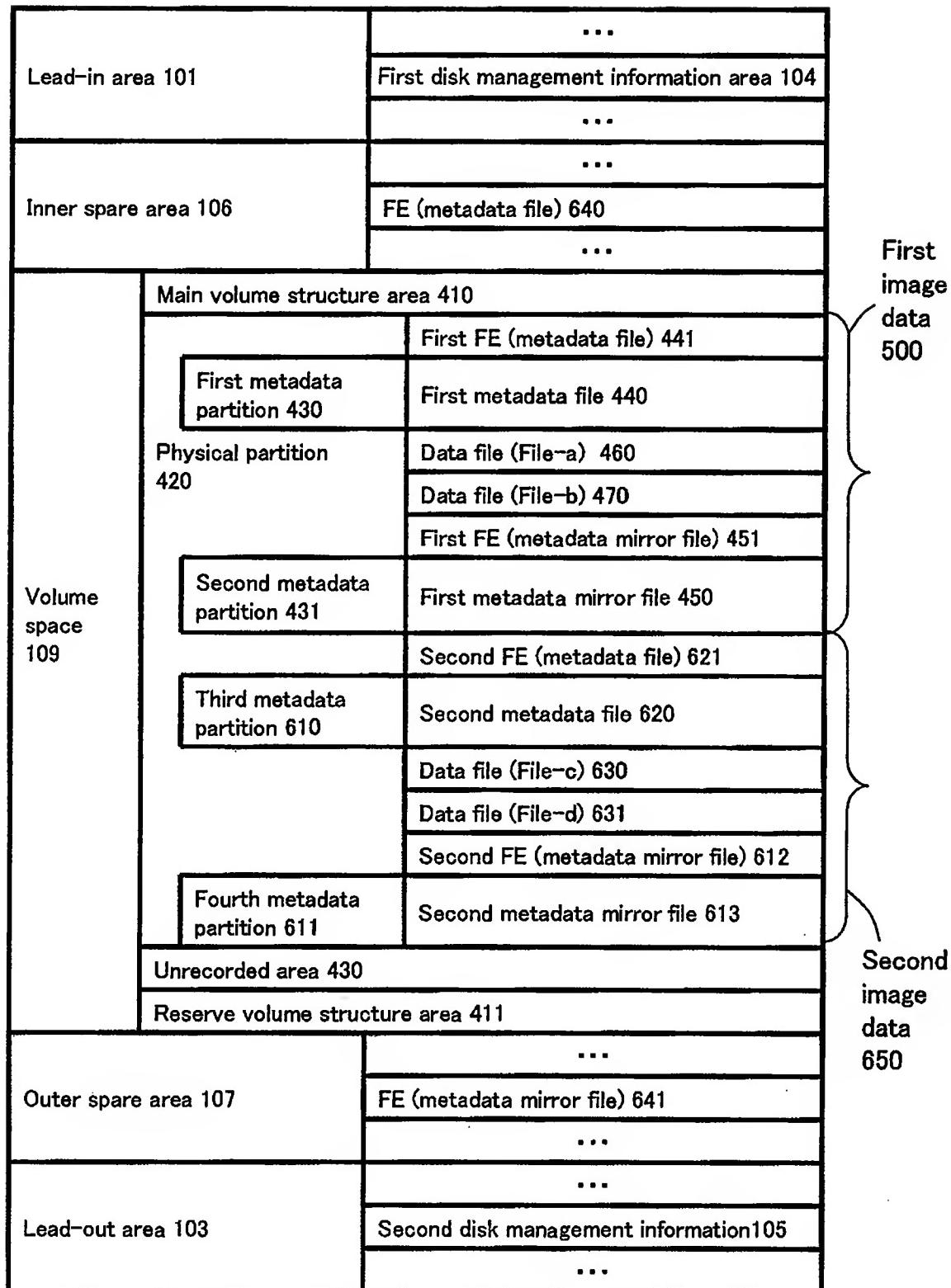


FIG.19

650

Second FE (metadata file) 621	
Second metadata file 620	File set descriptor 433
	FE(ROOT) 442
	FE(Dir-A) 443
	FE(Dir-B) 444
	FE(Dir-C) 622
	FE(File-a) 445
	FE(File-b) 445
	FE(File-c) 623
	FE(File-d) 624
Data file (File-c) 630	
Data file (File-d) 631	
Second FE (metadata mirror file) 612	
Second metadata mirror file 613	(Duplication of metadata file 620)

FIG.20

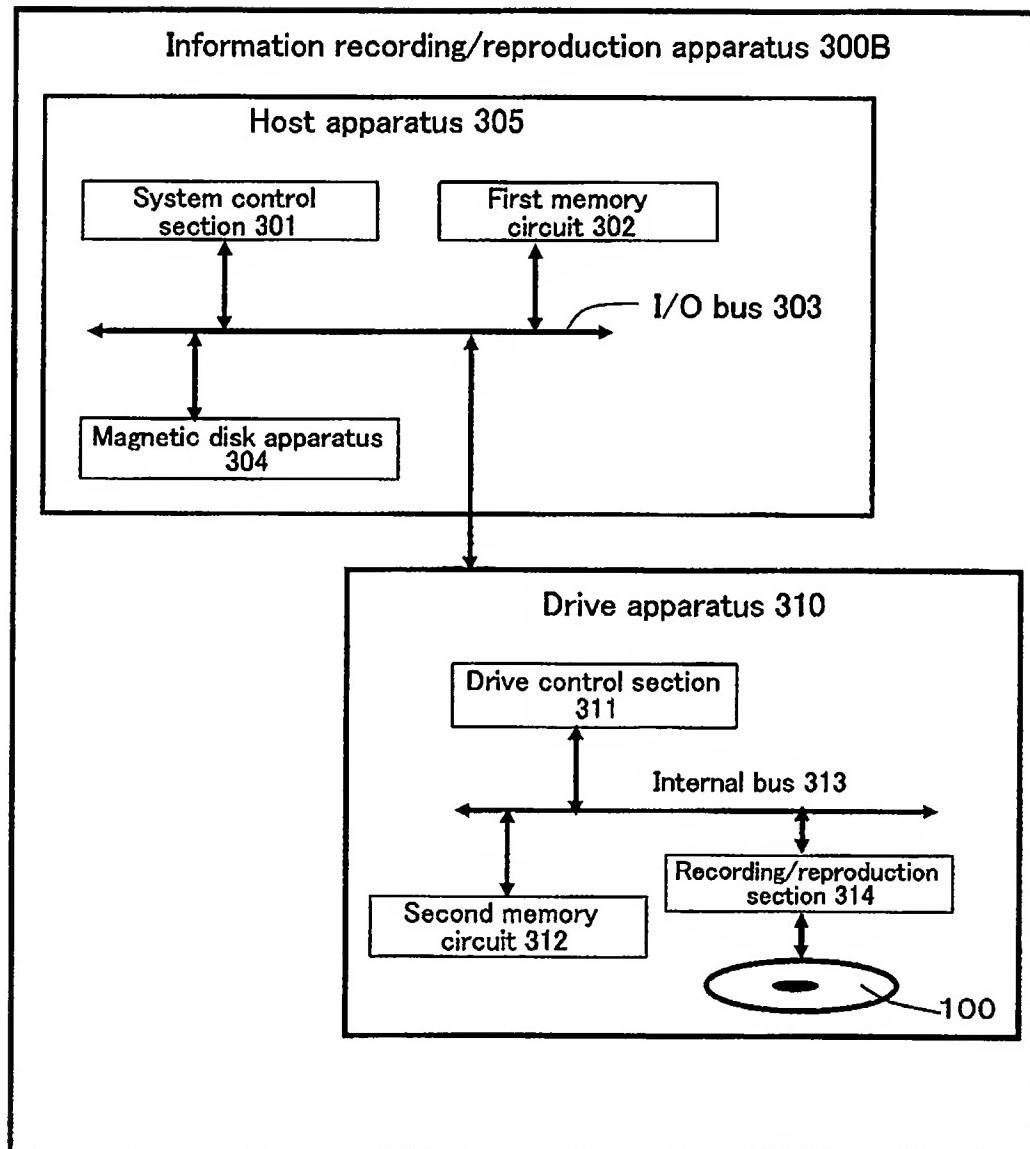


FIG.21

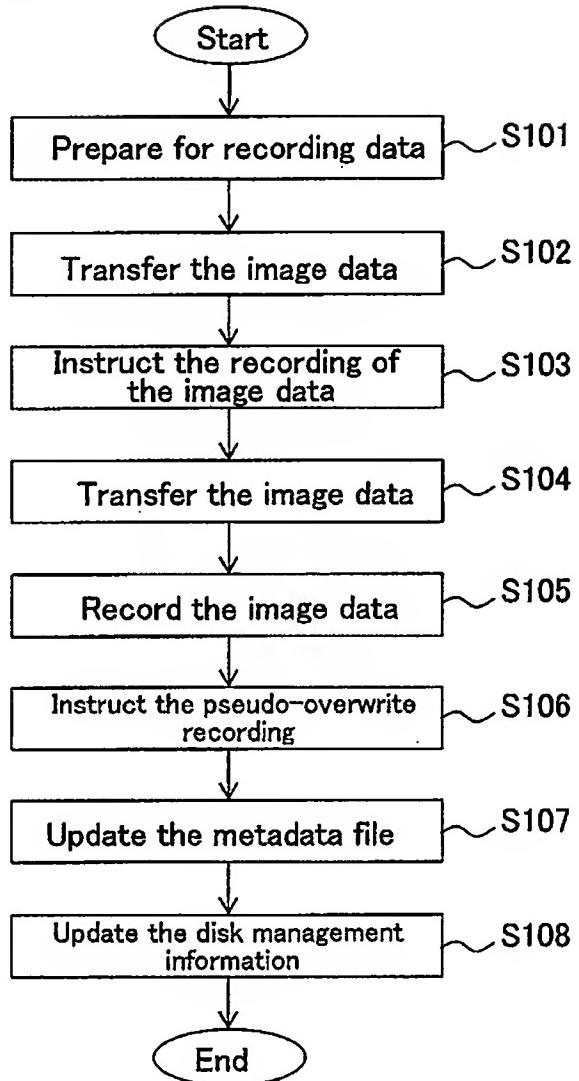


FIG.22

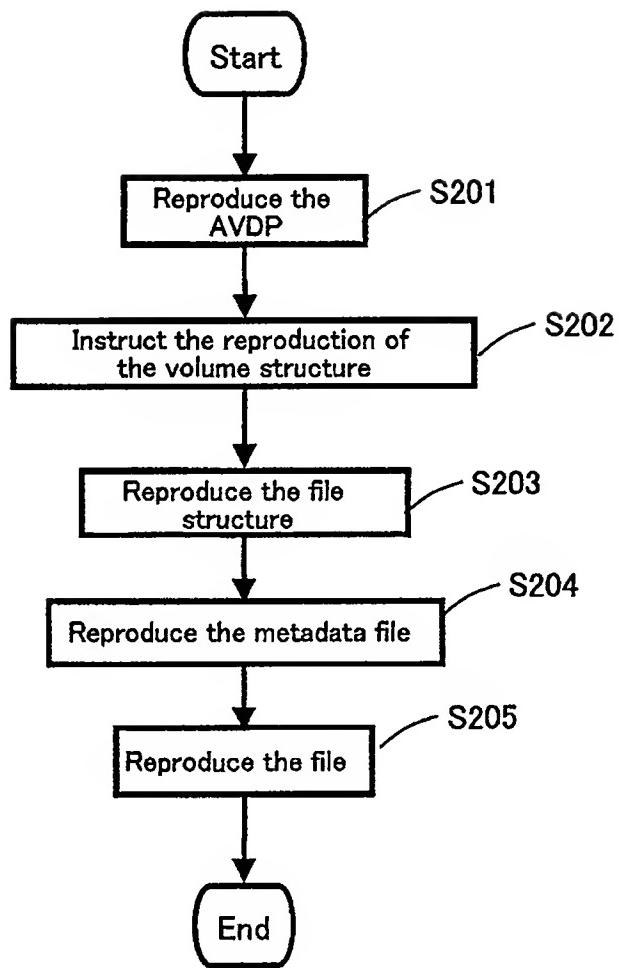


FIG.23

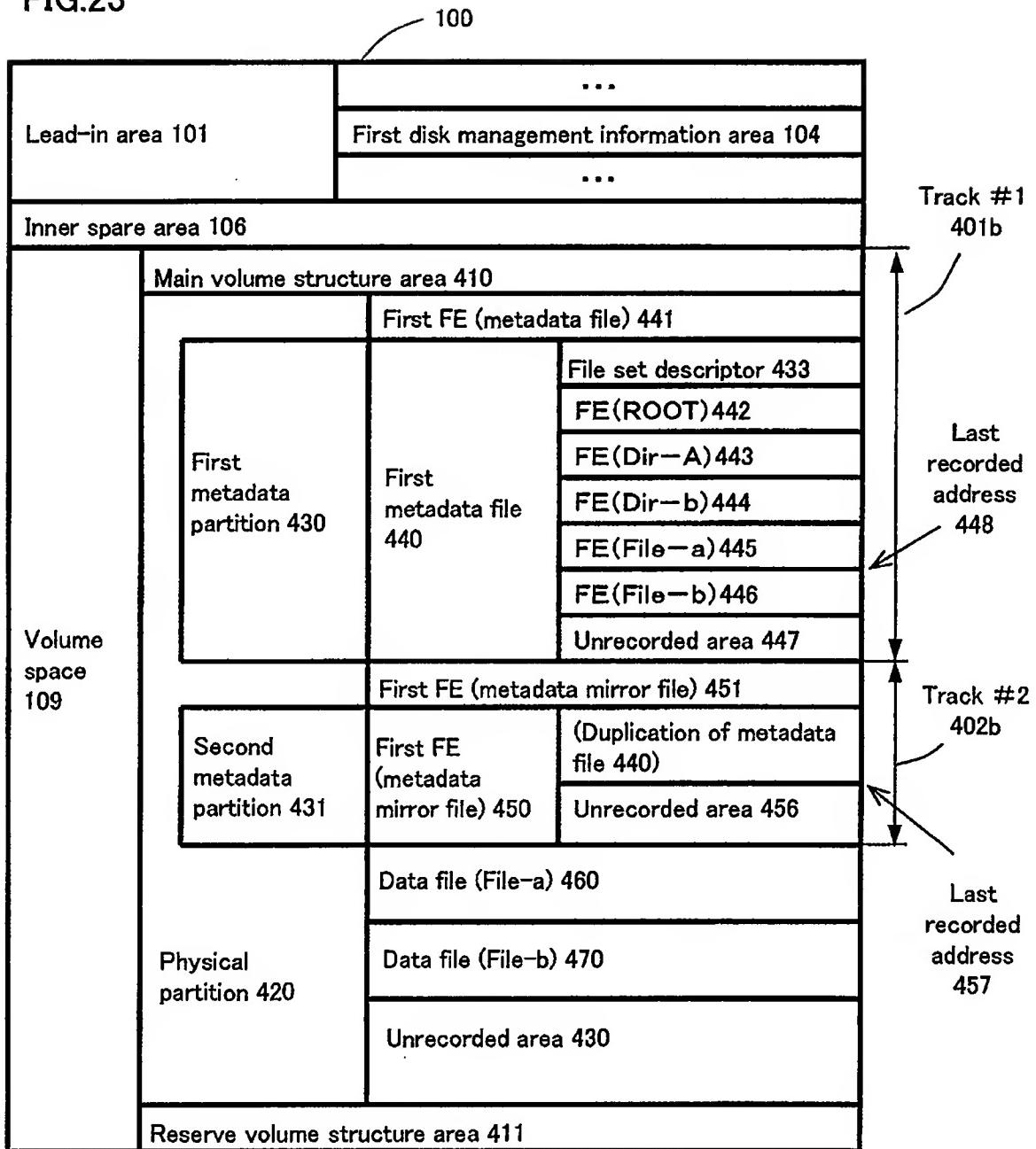


FIG.24

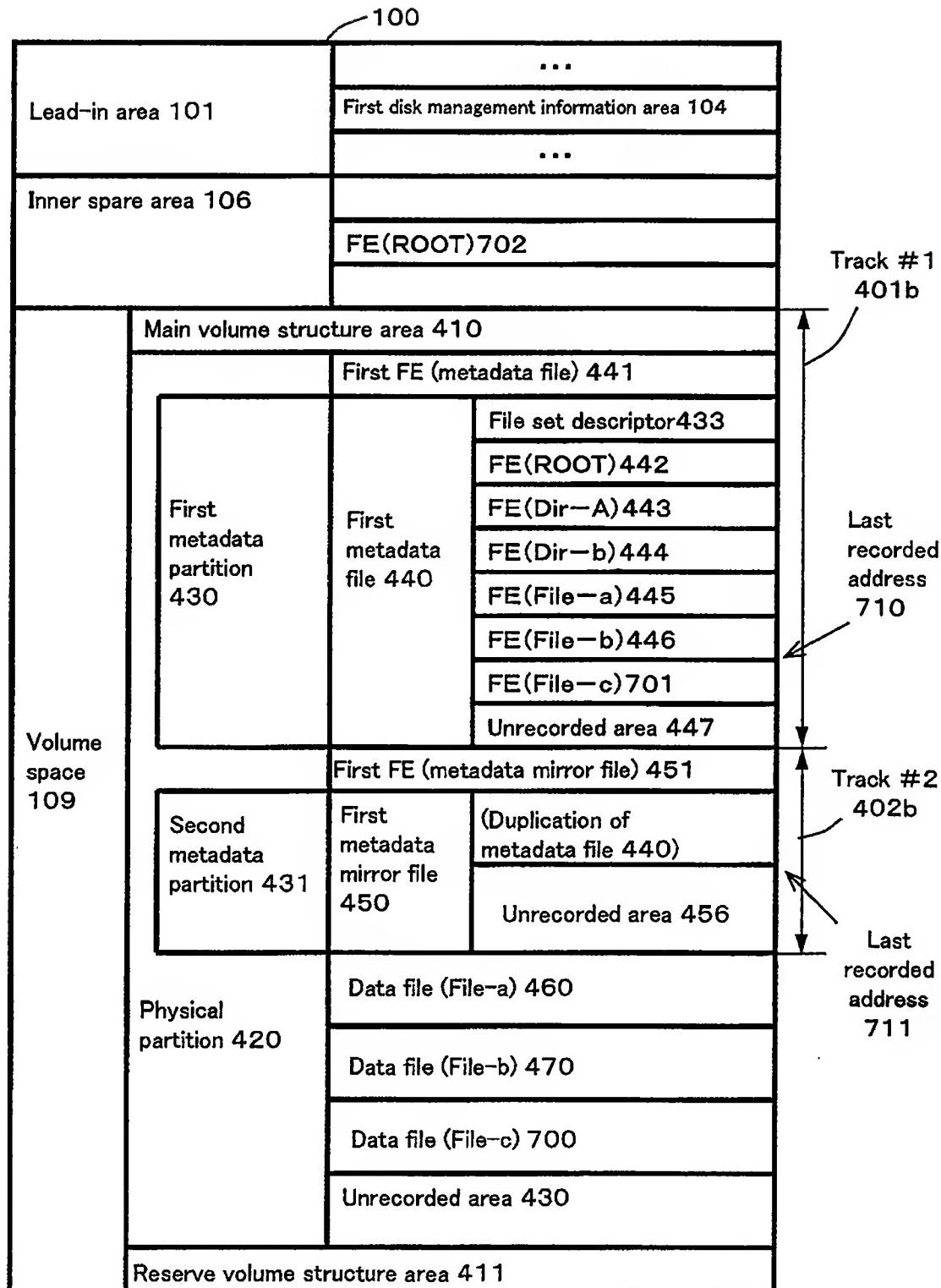


FIG.25

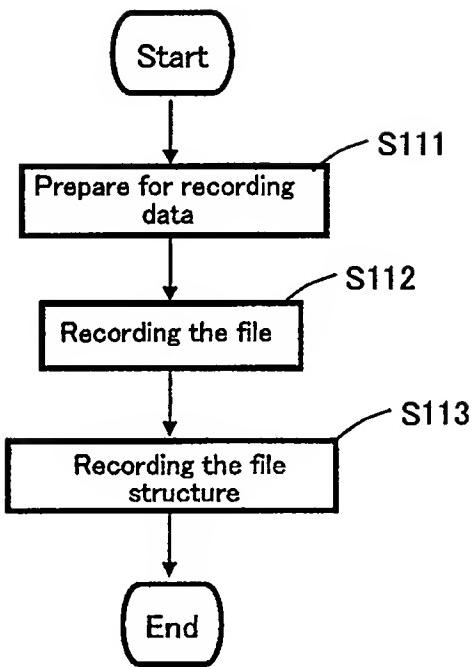


FIG.26

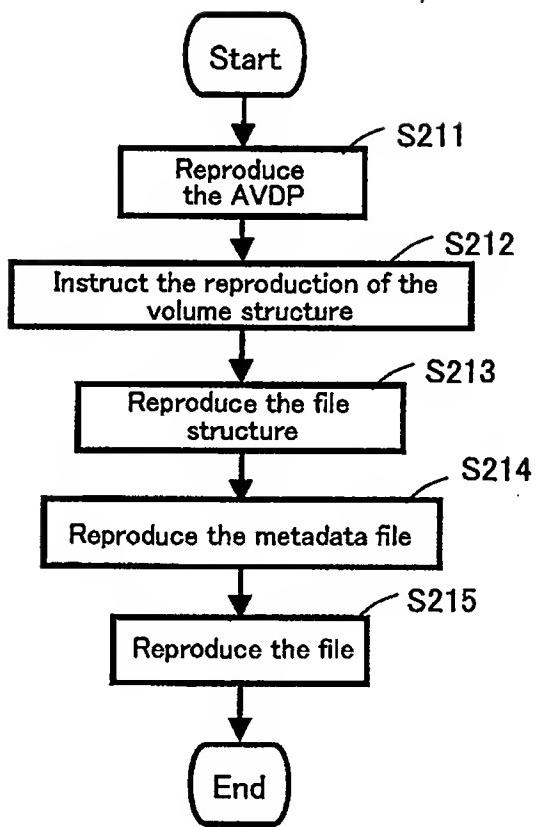


FIG.27

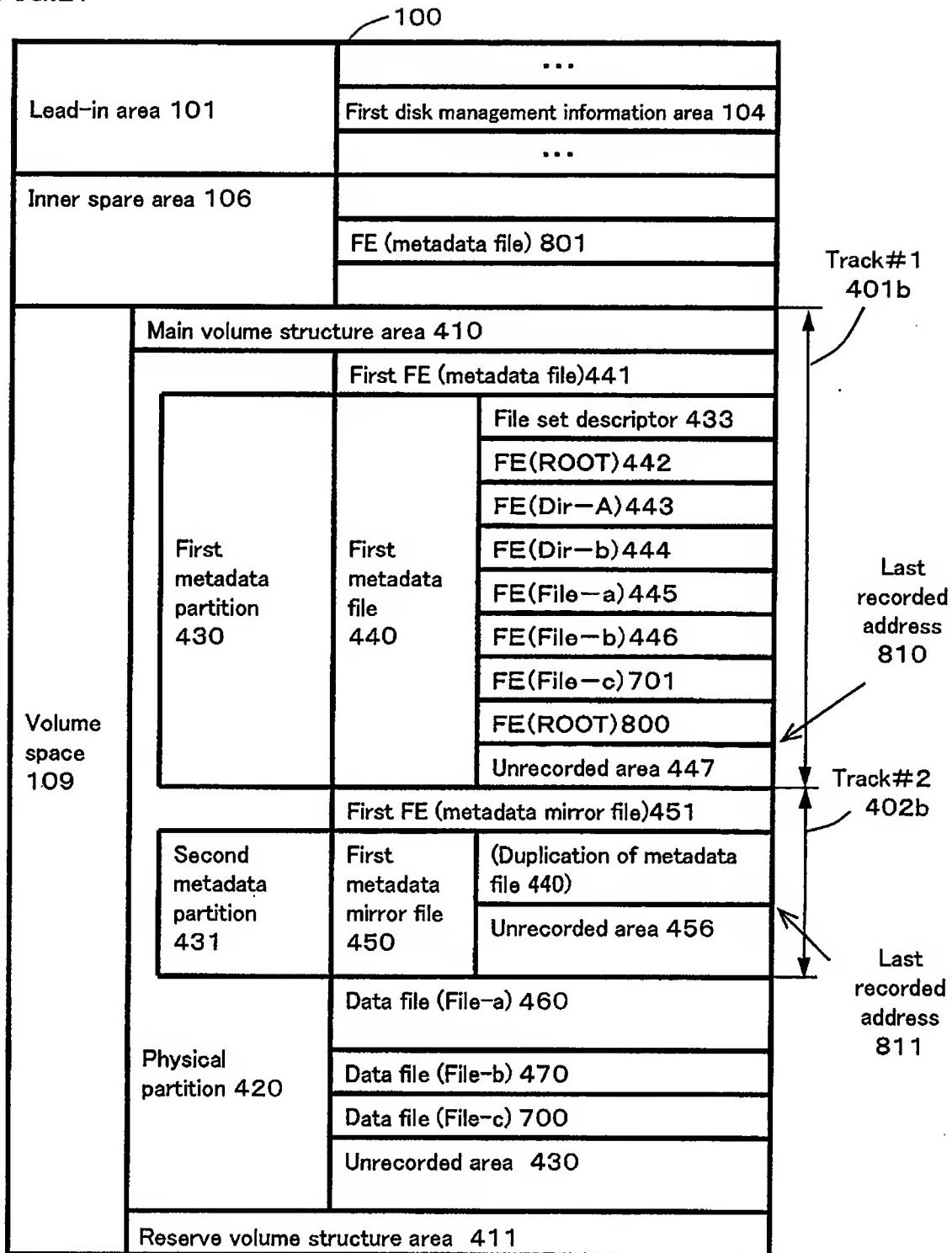


FIG.28

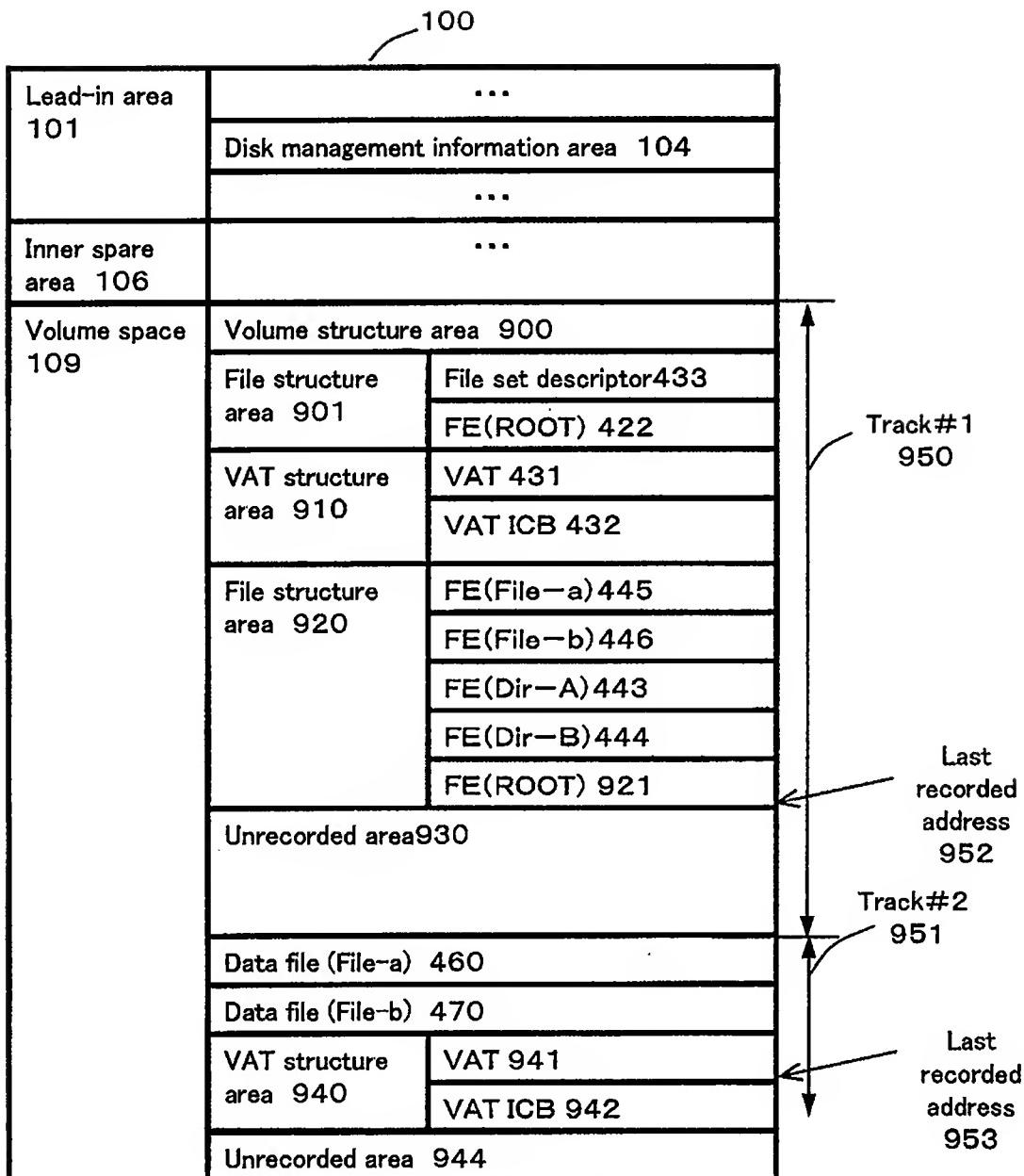


FIG.29

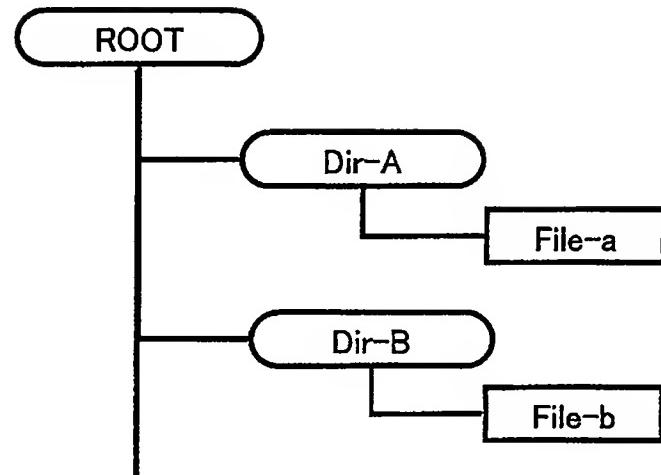


FIG.30

Lead-in area 101		...			
		First disk management information area 104			
		...			
Inner spare area 106		...			
		Volume structure area 1000			
Volume space 109	Volume structure area 900				
	File structure area 901	File set descriptor 433			
		FE(ROOT) 422			
	VAT structure area 910	VAT 431			
		VAT ICB 432			
	File structure area 920	FE(File-a) 445			
		FE(File-b) 446			
		FE(Dir-A) 443			
		FE(Dir-B) 444			
		FE(ROOT) 921			
	Unrecorded area 930				
	Data file (File-a) 460				
	Data file (File-b) 470				
	VAT structure area 940	VAT 941			
		VAT ICB 942			
Physical partition 420	FE (metadata file) 1021				
	Metadata partition 1010	Metadata file 1020	...		
	Unrecorded area 944				

FIG.31

100b

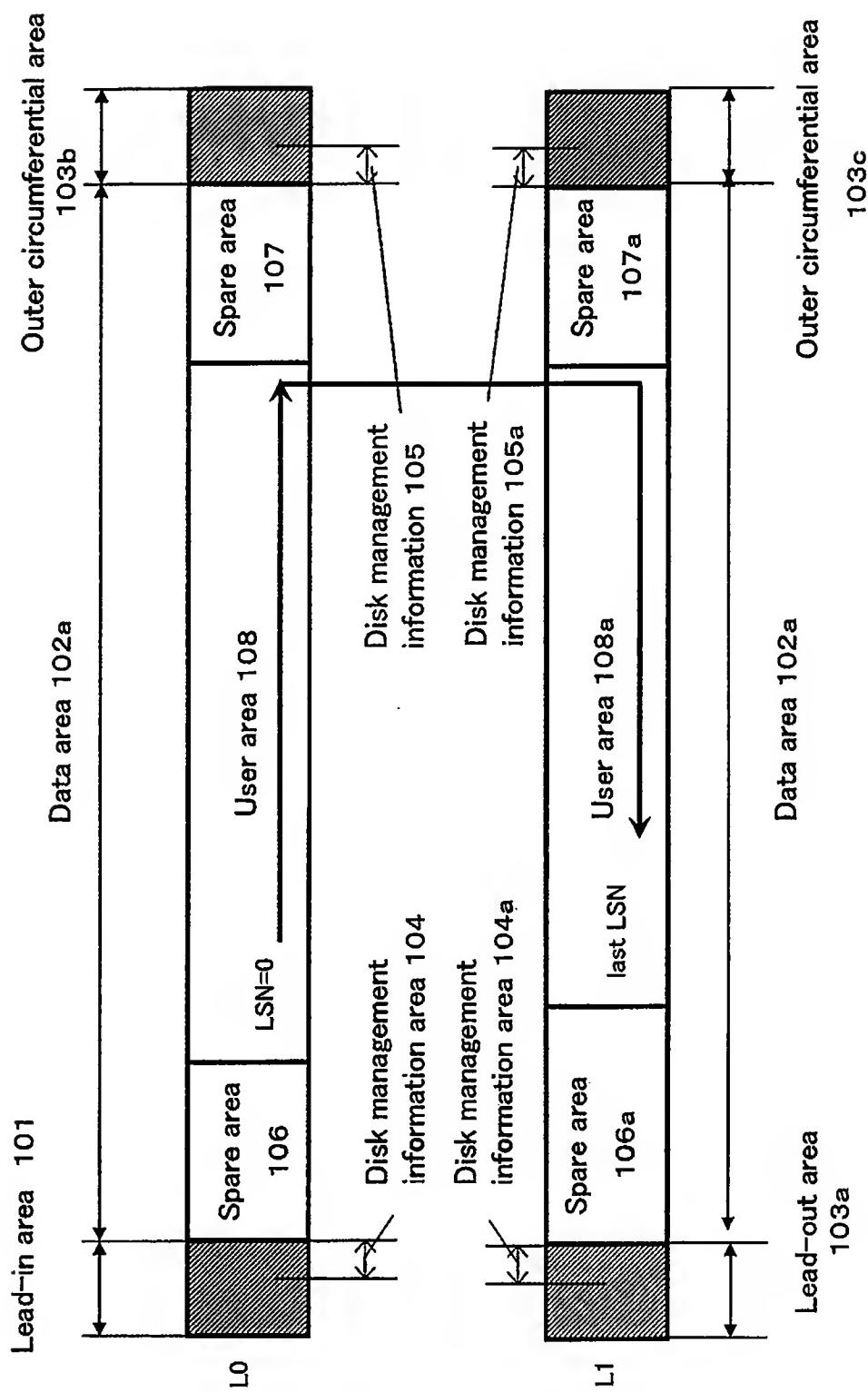


FIG.32

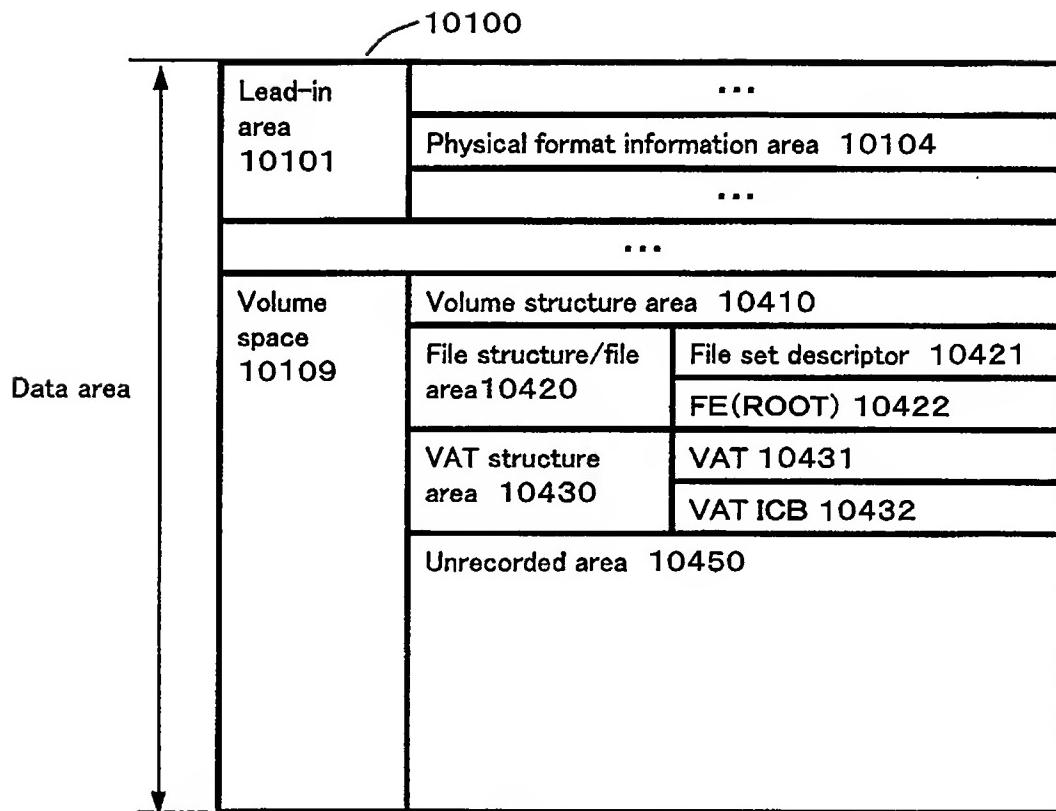


FIG.33

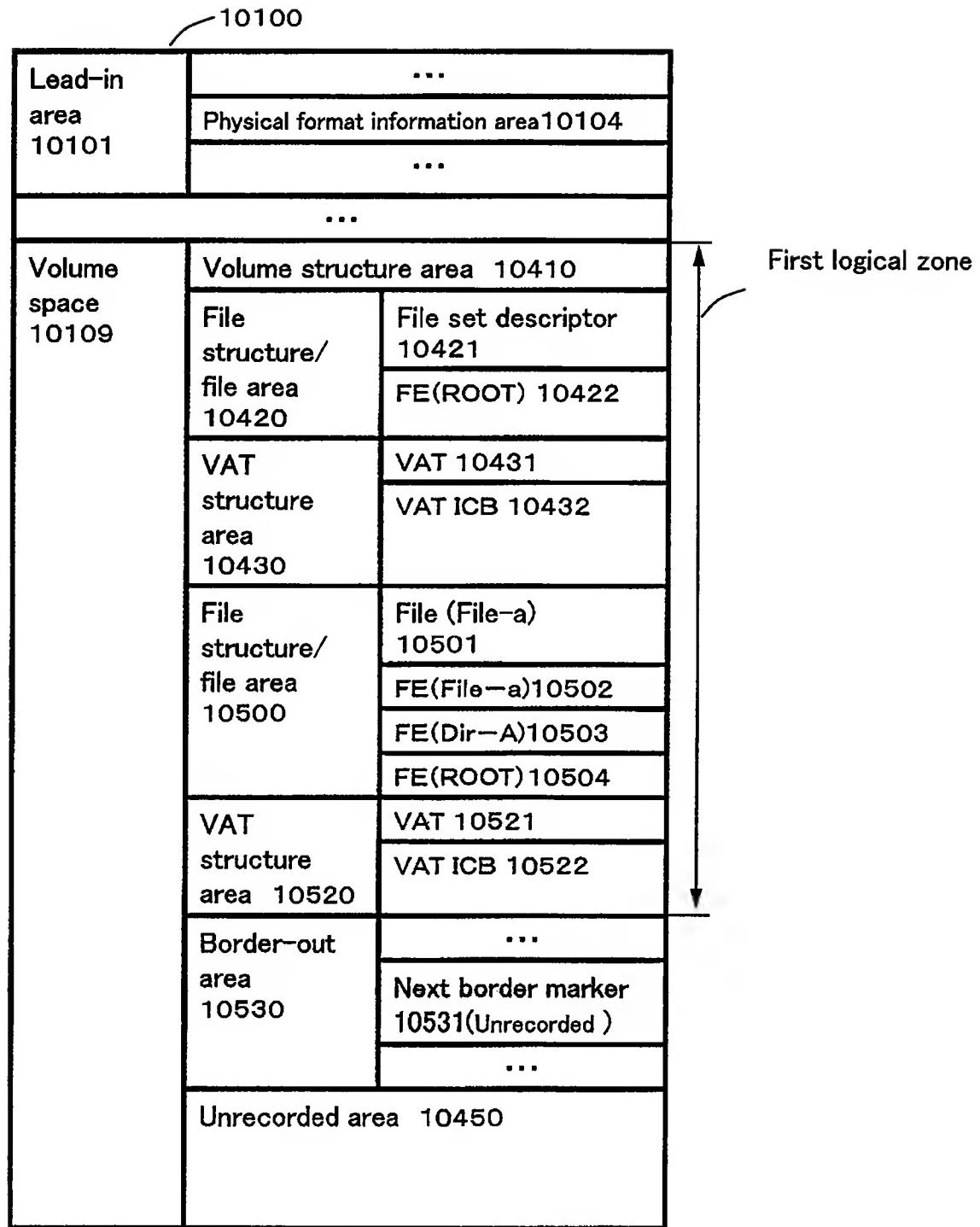


FIG.34

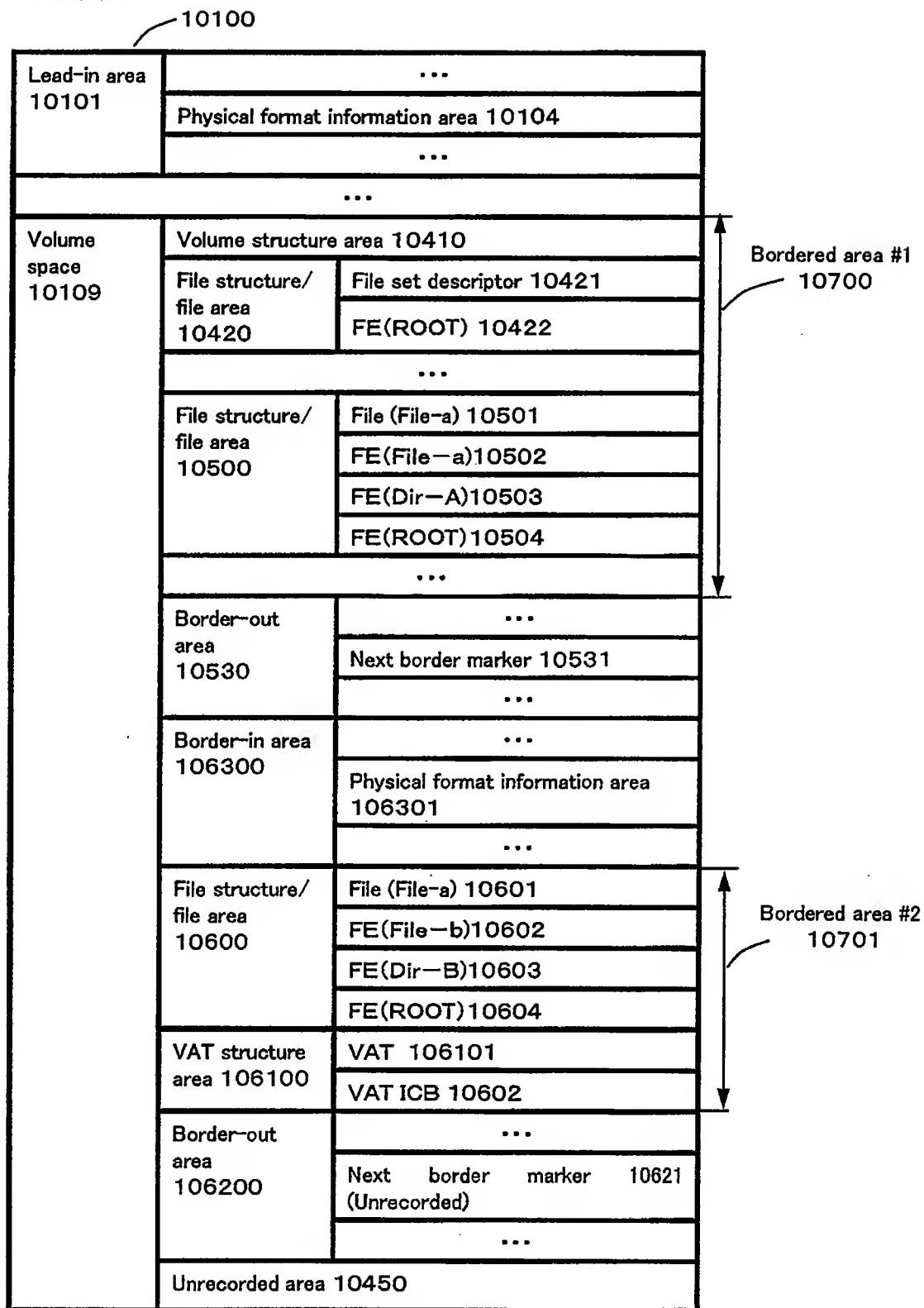


FIG.35

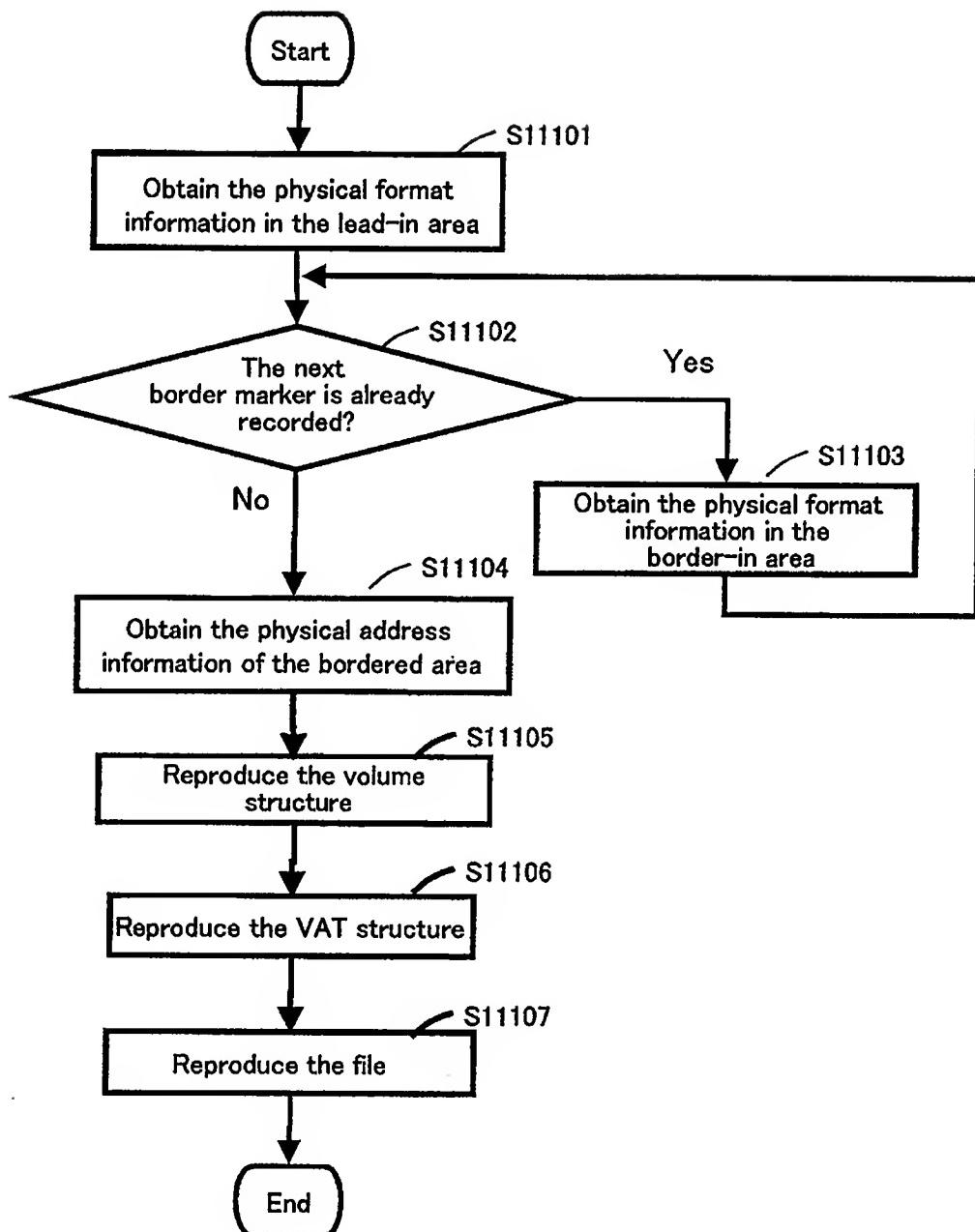


FIG.36

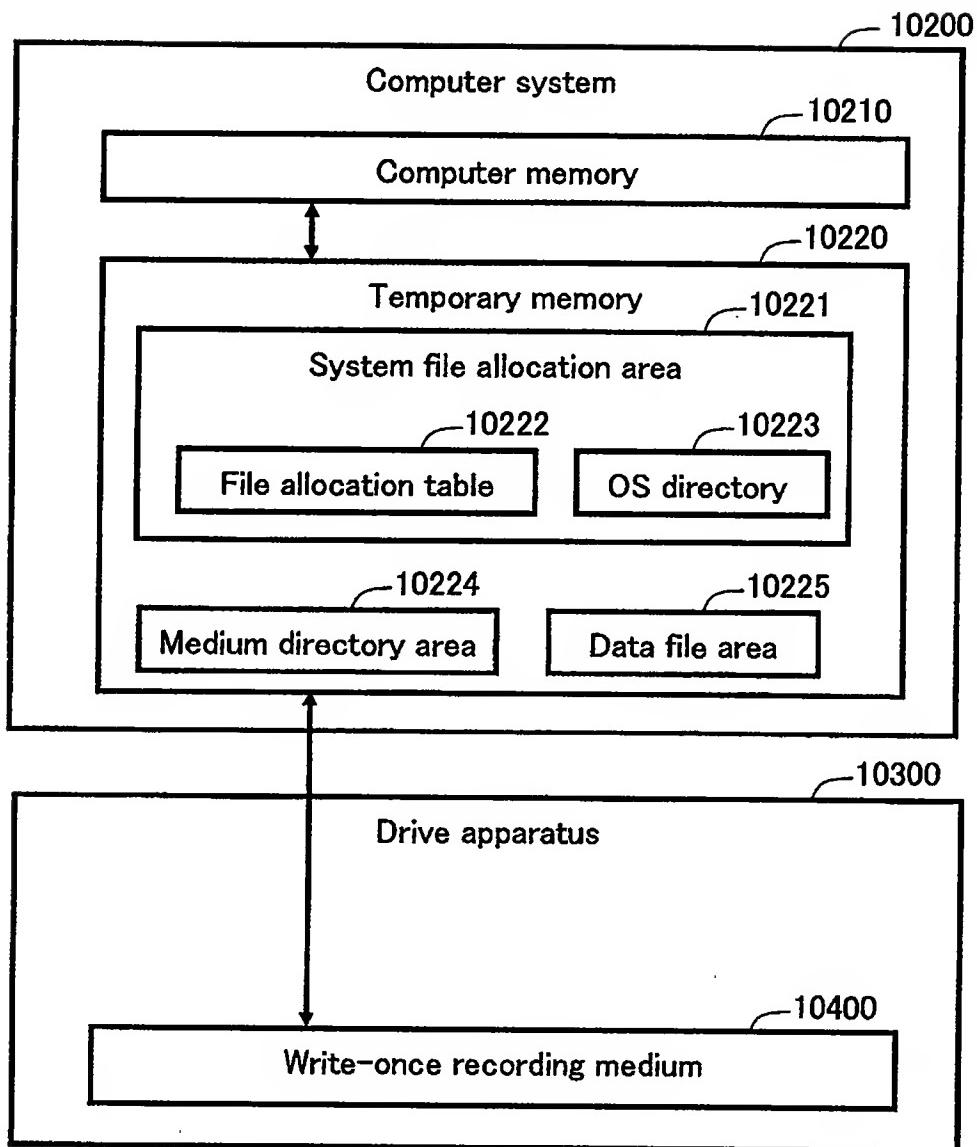


FIG.37

Logical address Write-once recording medium 10400

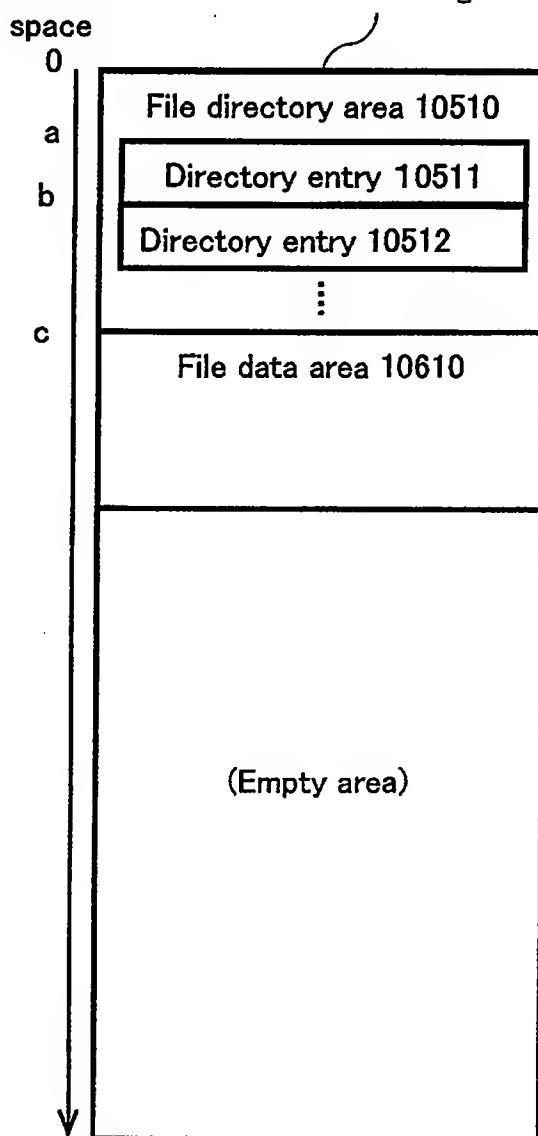


FIG.38

